

ABSTRACT OF THE DISCLOSURE

The invention relates to a method by which plastic material mixtures are separated using a polyolefin plastic fraction or a plastic material mixture as the starting material and said starting material is brought into contact with a solvent and the temperature of the solvent-plastic material mixture is adjusted in such a manner that a solution with at least one dissolved polymer type is formed characterized in that the dissolved polymer type is precipitated from the solution using shearing in order to separate the polymer type from other components of the solution. The invention is especially useful for processing plastic material mixtures and mixed plastic waste materials.

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